



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(37 CFR 1.98(b))

ATTY DOCKET NO.: 249.P2

SERIAL NO.: 10/785,497

APPLICANT: Becker et al.

Examiner: PAUL C. MARTIN

FILING DATE: 2/24/04

GROUP ART UNIT: 1655

## U.S. PATENT DOCUMENTS

Examiner initials	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class/ Subclass	Filing Date
PC	5,053,215	10-01-1991	Rand et al		05-26-1988
PC	5,413,996	05-09-1995	Bodor, Nicholas		10-16-1992
PC	5,624,894	04-29-1997	Bodor, Nicholas		04-27-1995
PC	5,627,165	05-06-1997	Glazier, Arnold		09-23-1994
PC	5,663,159	09-02-1997	Starrett, Jr. et al.	514/181	10-11-1994
PC	5,792,756	08-11-1998	Kuchеров et al.		09-24-1996
PC	5,798,340	08-25-1998	Bischofberger et al.		09-16-1994
PC	5,977,061	11-02-1999	Holy et al.		04-21-1995
PC	5,977,089	11-12-1999	Arimilli et al.		11-06-1998
PC	6,169,078	01-02-2001	Hughes et al		05-12-1998
PC	6,245,750	06-12-2001	Shepard, Michael		01-22-1999
PC	6,339,151	01-15-2002	Shepard et al		01-22-1999
PC	6,348,185	02-19-2002	Piwnica-Worms, David		06-18-1999
PC	6,355,629	03-12-2002	Kozak		02-06-2001
PC	6,436,437	08-20-2002	Yatvin et al		02-15-2000
PC	US2001/0031873	10-18-2001	Greenwald et al		01-12-2001
PC	US2002/0120100A1	08-29-2002	Bonny		10-15-2001

## FOREIGN PATENT DOCUMENTS

Examiner initials	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class/ Subclass	Translation Yes/No
	EP 0 336 364 A2	10-11-1989	NEORX CORPORATION		
	EP 0 481 214 A1	04-22-1992	BRISTOL-MEYERS SQUIBB COMPANY		
	WO 00/18775	04-06-2000			

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	WO 96/29336	09-26-1996	Medical Research Council		
	WO 96/33200	10-24-1996	Ustav Organické Chemie A Biochemie Akademie Ved		
	WO 96/37503	11-28-1996	GENTA INCORPORATED		

## OTHER DOCUMENTS

Examiner initials	Article
	Aarons et al., "Pharmacokinetic Evaluation of Site-Specific Drug Delivery Systems", 12:121-126, Novel Drug Delivery and Its Therapeutic Application (John Wiley & Sons), 1989
	Banerjee et al., "Design of Prodrugs Based on Enzyme-Substrate Specificity", Chapter 2, pp. 118-121, DESIGN OF PRODRUGS, 1985
	Branel et al., "A Practical Method for the Large-Scale Synthesis of Diastereomerically Pure (2R,5S)-3-Phenyl-2-(8-quinolinoxy)-1,3-diaza-2-phosphabicyclo-[3.3.0]-octane Ligand (QUIPHOS)", 64:8940-8942, J ORG CHEM, 1999
	Bundgaard, H., "Design of Prodrugs: Bioreversible Derivatives for Various Functional Groups and Chemical Entities", Chapter 1, pp. 70-92, DESIGN OF PRODRUGS, 1985
	Chapman et al., "Practical Synthesis, Separation, and Stereochemical Assignment of the PMPA Pro-Drug GS-7340", 20(4-7):621-628, Nucleosides, Nucleotides & Nucleic Acids, 2001
	Connors, T.A., "Prodrugs in Cancer Chemotherapy", Chapter 9, pp. 291-316, DESIGN OF PRODRUGS, 1985
	Jones, Geraint, "Decreased Toxicity and Adverse Reactions via Prodrugs", Chapter 6:pp. 199-241, DESIGN OF PRODRUGS, 1985
	Kumar et al., "Heterocalixarenes. 1. Calix[2]uracil[2]arene: Synthesis, X-ray Structure, Conformational Analysis, and Binding Character", 64:7717-7726, J ORG CHEM, 1999
	McGuigan et al., "Aryl phosphate derivatives of AZT retain activity against HIV1 in cell lines which are resistant to the action of AZT", 17:311-321, ANTIVIRAL RES, 1992
	McGuigan et al., "Aryl Phosphate Derivatives of AZT Inhibit HIV Replication in Cells Where the Nucleoside is Poorly Active", 2(7):701-704, BIOORG MED CHEM LETT, 1992
	McGuigan et al., "Certain phosphoramidate derivatives of dideoxy uridine (ddU) are active against HIV and successfully by-pass thymidine kinase", 351:11-14, FEBS, 1994
	McGuigan et al., "Intracellular Delivery of Bioactive AZT Nucleotides by Aryl Phosphate Derivatives of AZT", 36:1048-1052, J MED CHEM, 1993

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Examiner initials	Article
	McGuigan et al., "Phosphoramidates as potent prodrugs of anti-HIV nucleotides: studies in the amino region", 7(1):31-36, ANTIVIRAL CHEM & CHEMO, 1996
	Notari, Robert E., "Pharmacokinetic Aspects of Prodrug Design and Evaluation", Chapter 3, pp. 135-156, DESIGN OF PRODRUGS, 1985
	Oliyai et al., "Aryl Ester Prodrugs of Cyclic HPMP. I: Physicochemical Characterization and In Vitro Biological Stability", 16(11):1687-1693, PHARM RES, 1999
	Siddiqui et al., "Design and Synthesis of Lipophilic Phosphoramidate d4T-MP Prodrugs Expressing High Potency Against HIV in Cell Culture: Structural Determinants for in Vitro Activity and QSAR", 42:4122-4128, PHARM RES, 1999
	Starrett et al., "Synthesis, Oral Bioavailability Determination, and in Vitro Evaluation of Prodrugs of the Antiviral Agent 9-[2-(Phosphonomethoxy)ethyl]adenine (PMEA)", 37:1857-1864, J MED CHEM, 1994
	Stella et al., "Site-Specific Drug Delivery via Prodrugs", Chapter 5, pp. 177-198, DESIGN OF PRODRUGS, 1985
	Stella, Valentino J., "Prodrugs and Site-Specific Drug Delivery", 23(12):1275-1282, J MED CHEM, December 1980
	Strube et al., "Comparison of Batch Elution and Continuous Simulated Moving Bed Chromatography", 2:305-319, ORGANIC PROCESS RESEARCH & DEVELOPMENT, 1998

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